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1925

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U.S. Department of Agriculture

Ferndale Nursery

LUDVIG MOSBÆK

HANS MOSBÆK

ASKOV, MINNESOTA



Hardy Ferns

WILD AND HARDY
PERENNIAL FLOWERS

A new era in landscape architecture is developing in American horticulture. The foreign style of gardening and landscape work is losing ground for a distinctly American fashion of landscape treatment and naturalistic planting, planned to accord with the natural surroundings, and therefore expressive of a perfect harmony and good taste in beautifying the grounds around our homes, and windbreak plantings. Public parks are establishing wild flower preserves. Owners of suburban and country estates are abandoning the formal for the naturalistic in the treatment and development of their grounds.

About twenty years ago we commenced studying and experimenting in the cultivation of hardy ferns of northern Minnesota. This experience has proven a success beyond all expectations. Our ferns are giving universal satisfaction in every state in the Union and far up into Canada. Our sales commenced about twenty years ago with a few dozen—gradually winning territory—in 1918 we sold about 8,000, in 1923 about 21,000, and last season we shipped out about 40,000. We are prepared to double the output this season.

PACKING AND SHIPPING—PROMPT SERVICE

We pack ferns as light as possible to secure safe arrival consequently we must pack heavier for freight shipment, which is safe during fall and winter even if it takes a month or more on the road. Freezing enroute will not hurt dormant ferns. For spring shipment we recommend express. During the spring planting season we generally pack and ship inside of 24 hours. We are ready at all times to replace stock which arrives in poor condition due to faulty packing.

We keep an ample supply in storage cellar from which to fill orders during the winter and can ship any day between October 15th and July 1st.

When do people want their ferns? When they get out in their garden planning, they want them when they want them, and not two or three weeks later. We will give service and quality that will bring our customers and their neighbors and friends back next year for more. We have hundreds of letters from satisfied customers who say so—here is a sample:

Fresno, Cal., June 7, 1923.

Ludvig Mosbæk, Askov, Minn.

Dear Sir:

My shipment of ferns came through in fine shape and the stock is excellent. I must say that that order was filled and received by me in the best time of any in all my experience. It has taken twice as long to get stuff from Los Angeles and San Francisco.

Your truly, (Signed) E. B. ECKHART.

QUALITY

Our hardy ferns are strong, heavy roots or clumps—mostly 5 years old or over—and should not be compared with common cheap mail order quality. Our mail order "Fern Bed of 20" generally runs from 15 to 20 pounds.

HOW TO ARRANGE PLANTING

Hardy ferns should not be planted single but in groups of the same variety to make an impression.

In the hardy border the taller growing varieties should be planted in the background, the height is indicated in inches.

Hardy outdoor ferns grow best in the shade or half shade and will do well in the border in groups of 3 to 5 of one variety among the flowering shrubs. They are just the thing for that shady place around your house where most flowers will not do so well; especially on the east and north sides of buildings, in groups among flowering shrubs, to protect them from wind and storms.

Of all the hardy ferns the Ostrich Plume, also called the Palm of the North, is perhaps the best as it grows the tallest and fastest of any fern. It often has as many as fifteen fronds gracefully arranged, presenting an object more beautiful than many varieties of palms. The fronds, under favorable conditions, attain a length up to four feet.

Lady fern (*Asplenium Felix Fæmina*) a large handsome fern—a wood and roadside fern—presenting many varying forms; ranks with the Ostrich and *Osmunda*, but is of a distinct different type.

The *Osmunda Claytoniana* or flowering fern is clothed with loose wool when unfolding its fronds which sometimes under favorable conditions attains a height of more than four feet—is beautifully cinnamon colored. This variety will also do well in the open or dry shady places.

These three ferns represent three distinct types and will make a splendid combination as a background for many varieties of perennial flowers. When once established they will come back stronger year after year. They will grow in common garden soil, which can be improved by the addition of some leafmold, muck or pulverized peat, a mulch of leaves or straw or half rotten hay when planted and thereafter every fall will be of great benefit, especially in the warmer and dry climates.

Cultural directions will be included with each shipment of ferns.



Hardy Ferns in Foundation Planting

A FERN BED FOR ONLY \$5.00

COLLECTIONS OF HARDY FERNS

These collections are recommended for special conditions as stated below.

We offer these collections for \$5.00 each parcel post prepaid, or one half for \$3.00.

By express not prepaid, each collection \$4.00, or any one half \$2.25.

All four collections, 84 ferns in all for \$15.00.

You can order by number and say one or one half collection and we will make no mistake.

We have these ferns dormant almost up to July 1st.

No. 1. General collection of the three varieties that have given universal satisfaction under all conditions anywhere, 8 Ostrich Plume, 4 Osmunda Claytoniana, 8 Lady Ferns.

No. 2. Special for dry, shady places, 10 Dagger Fern, 6 Hayscented, 6 Claytoniana.

No. 3. For moist, shady places, 4 Maiden Hair, 4 Christmas Fern, 4 Ostrich Plume, 4 Cinnamon, 4 Lady Fern.

No. 4. For wet ground, 4 Marsh Shield Fern, 10 Sensitive Fern, 6 Royal Fern, 4 Clintoniana.

We shall be pleased to quote you special prices in lots of one hundred one thousand and ten thousand—not prepaid.

Adiantum Pedatum (Maidenhair Fern), perhaps the most graceful of all, attains a height of 12 to 18 inches when grown in rich, moist, well drained, shady locations. When once established it increases from year to year. Plant about 1 inch below the surface. Maidenhair should be planted for massing only and not more than 8 inches apart. Each 50c, 10 for \$3.00, prepaid.

Aspidium Acrostichoides (Christmas Fern) (Dagger Fern). An evergreen species, about a foot high, with deep green fronds simply divided. It is easily grown in shade, in good garden soil, well drained. Plant with the new crowns or buds just at the surface. Each 50c, 10 for \$3.00, prepaid.

Aspidium Christatum Evergreen (Crested Fern), grows wild in rather wet shady places. Fronds 10 to 15 inches, generally keeping green all winter. It is easily grown, the crown

should be planted just above the surface. Each 50c, 10 for \$3.00, prepaid.

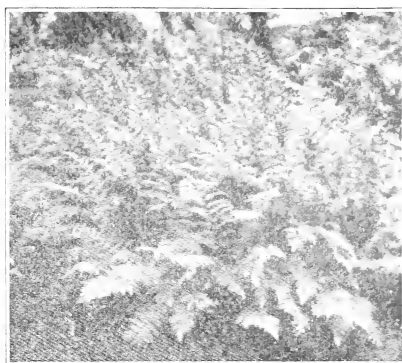
Aspidium Christatum (var. Clintoniana), a large fern of Christatum; attains a height of 2 feet or more, when grown in moist, rich places. To produce massed effect it should be planted a foot apart, the crowns level with the surface. Each 50c, 10 for \$3.00, prepaid.

Aspidium Goldiana (Goldies Fern). This fern, when grown under ideal conditions, attains a height of three feet, its peculiar grace and beauty makes it desirable in all fern gardens. It is one of the very best species for growing as an individual specimen and ranks with the Ostrich and the Osmundas in size and vigorous beauty. Plant the crown level with the surface and if massed effects are desired, 12 inches apart. Each 50c, 10 for \$3.00, prepaid. Selected extra strong specimens, 75c, prepaid.



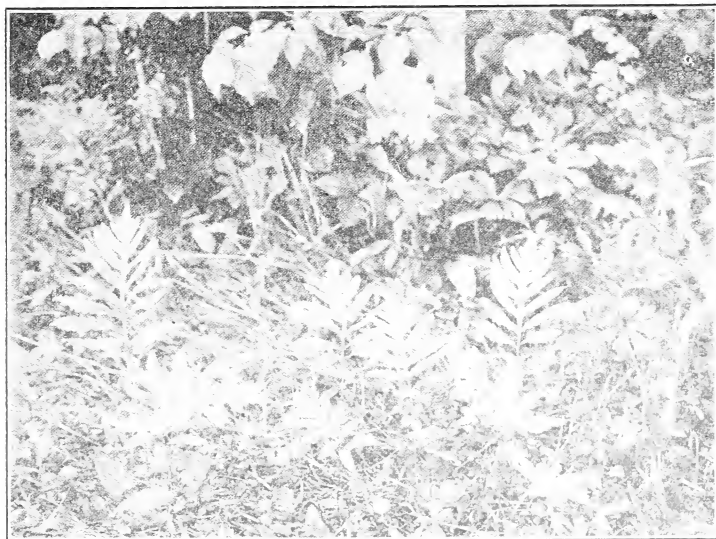
Marsh Shield Fern

Aspidium Thelypteris (*Dryopteris Thelypteris*) Marsh Shield Fern, a foot high with fronds about $2\frac{1}{2}$ in. wide. We see this growing wild in large patches in open, sunny places. It is benefitted by adding leafmold or pulverized peat. It should be planted only for massing, 8 inches apart; or for edging; it will spread and multiply. A very fine little fern. Each 50c, 10 for \$3.00, prepaid.



Lady Fern

Asplenium Felix Faemina (Lady Fern), a large handsome fern standing from one to three feet in height. A wood and roadside fern doing well in all parts of the country and presenting many varying forms. Plant in the sun or shade with the crown just below the surface. Each 50c, 10 for \$3.00, prepaid.

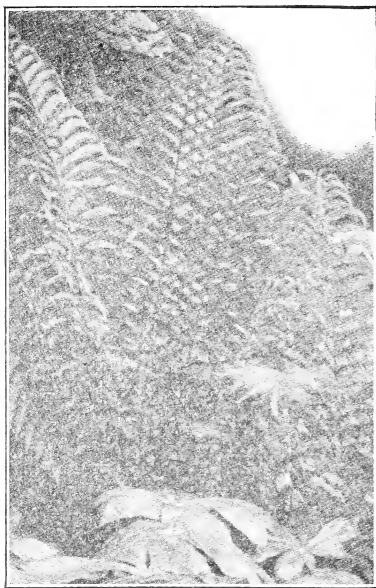


Onoclea Sensibilis

Onoclea Sensibilis (Sensitive Fern), grows from 6 to 36 inches high, according to moisture, doing its best in rather wet locations. Grows in sun or shade and multiplies by underground runners. Plant 12 inches apart, cover crown with $\frac{1}{2}$ inch of soil. Each 50c, 10 for \$3.00, prepaid.

Dicksonia Punctilobula (Hay-Scented or Gossamer Fern), 12 to 18 inches high. Will grow in sun or shade if planted in rich, porous soil, 8 inches apart. It will soon form a compact mass or border along the walk. Each 50c, 10 for \$3.00 prepaid.

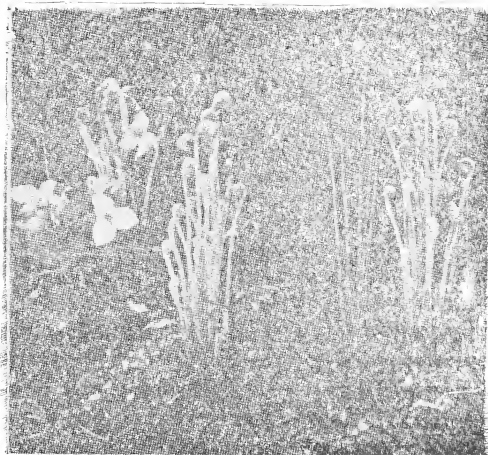
Onoclea Stratiopteris (Ostrich Fern), grows in a crown, fronds 2 to 4 feet by 6 to 10 inches wide, a very erect, handsome species, graceful as a palm. One of the most satisfactory for the amateur, always giving satisfaction in the open or shaded nook. Use lots of manure, leaf mold or well rotted peat and it will multiply by underground runners, especially so in moist, sandy or peat soil. Plant crown level with surface and mulch in winter. This magnificent plant luxuriates in soil subject to an annual overflow. Its



Ostrich Plume Fern

vase-like masses of foliage suggest the Cinnamon fern but the fertile fronds are dark green and is one of the tallest of our ferns and should be planted well back. Each 50c, 10 for \$3.00, prepaid.

Unfolding the Osmunda



Osmunda Cinnamomea (Cinnamon Fern), a large fern growing in a crown 2 to 5 feet high, 8 inches wide, beautiful, cinnamon colored leaves. This will thrive in quite wet soil, or moist, shady places, in peat or common garden soil. Each 50c, 10 for \$3.00, prepaid.

Osmunda Claytoniana (Interrupted or Flowering Fern), clothed with loose wool when unfolding its fronds but soon becomes perfectly smooth. This fern feels at home in rather dry shaded places or in open sun and does very well under cultivation. Each 50c, 10 for \$3.00, prepaid.

Osmunda Regalis (Royal Fern),

pale green fronds 2 to 3 feet. It can be grown in still water, 2 to 3 inches deep. Each 50c, 10 for \$3.00, prepaid.

Phegopteris Dryopteris. A very fine little fern for moist and dense shady places, fronds from 4 to 6 in. Each 50c, 10 for \$3.00, prepaid.

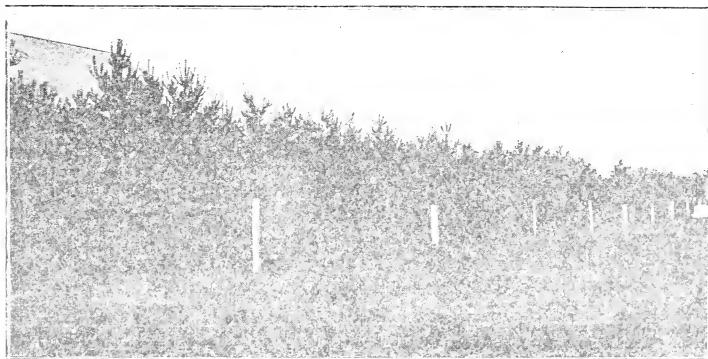
Polypodium Vulgare (Common Polypody). One of the best evergreen species for rockwork; grows 4 to 10 inches high, forming a dense mass. Plant 4 to 6 inches apart and cover the new buds slightly. Each 50c, 10 for \$3.00, prepaid.

Not prepaid—any of these ferns: 40c each, 10 for \$2.50, or 100 for \$20.00. When cash with order—packing free.

ORNAMENTAL EVERGREENS AND WINDBREAKS

The grandeur of evergreens is unexcelled. When you know evergreens you feel in their presence the hush of the vast forest—evergreens signifying permanency—defying time and the elements. In snowy winter it gives a comforting note of color in the bleak landscape. An evergreen is like an old friend where the stress of years, the strife of a lifetime only make richer his noble character. A home surrounded by evergreens is like a man with many true friends; they give shelter and comfort to man and beast, save fuel and feed during the cold winter if planted as a windbreak around farms and homes.

What we said about hardy perennials and ferns in regard to shipping



This windbreak is 6 years after planting 2—3 ft. plants around Chr. Morgen-sen's farm, 1¼ miles northwest of Askov. They were cultivated the same as corn or potatoes for 2—3 years. The outside row is American Arbor Vitae planted 6 feet apart; the other three rows are Spruce, Pine and Fir, 10 ft. apart. The Arbor Vitae exposed to full light in the outside row will hold its branches clear down to the ground thereby throwing the cold wind over and beyond buildings and keeping the snow from drifting and piling up in the farm yard.

late in spring is no less true of the evergreens. Years ago when we commenced to build our nursery we bought seedlings from Illinois and Iowa. When these seedlings arrived here they were sprouting while frost was hardly out of our soil. The seedlings had a setback and often we lost more than half, while if it had been vice versa—that we could have had our plants from a northern location—we would have had 100% success. Take that into consideration and get your evergreen plants where they are yet dormant when you are ready to plant and where they have the vigor and hardiness obtained in our winters where the temperature occasionally goes 40 degrees below. We are located in Pine county. Pine county was famous for its grand pines before the lumber barons devastated this region.

Our evergreen trees are transplanted and root pruned several times, thereby attaining a root system that insures success in planting.

Prices on these specimen Evergreens include balling and burlapping, cost of packing and boxing will be charged extra at cost.

	Height: 12-18"	18-24"	2-3'	3-4'	4-5'	5-6'
American Arbor Vitae, White Cedar.....	\$0.50	\$1.00	\$1.50	\$2.50	\$5.00	\$7.00
American Arbor Vitae, Compacta	2.50	5.00				
American Arbor Vitae, Globosa	2.50	5.00				
American Arbor Vitae, Pyramidalis	1.50	2.50	4.00			
Abies Balsamea Balsam Fir .....	.50	1.00	2.00	4.00	5.00	
Abies Douglassii .....	.60					
Cupressus Thuioides	1.00	1.50				
Juniperus Canadensis, Creeping Juniper ..	1.00	3.00	5.00			
Juniperus Hebernica, Irish Juniper		1.50	3.00			
Juniperus Sabinæ, Savin Juniper	1.50	2.50	3.50			
Juniperus Virginiana, Red Cedar .....	.75	1.50	2.50			
Picea Alba, White Spruce	1.00	1.50	3.00	4.00	5.00	7.00
Picea Exelsa, Norway Spruce .....	.50	1.00	2.00	3.00	4.00	5.00
Picea Pungens, Colorado Blue Spruce	2.00	5.00	8.00			
Pinus Resinosa, Red Pine			2.00	3.00		
Pinus Strobus, White Pine .....	.50	1.00	2.00	3.00	4.00	5.00
Pinus Sylvestris, Scotch Pine .....	.50	1.00	2.00	3.00	4.00	5.00
Taxus Canadensis	2.00	3.00				

We offer for windbreak planting, with Arbor Vitae for the outside row, our selection:

	25	100
12 to 18 inches	\$ 9.50	\$30.00
18 to 24 inches	13.25	50.00
2 to 3 feet	17.00	65.00

We charge extra for packing and boxing at cost and if wanted with ball of dirt wrapped in burlap add 12c each for 12—18 inch, 20c each for 18—24 inch and 25c each for 2—3 feet plants. If you call for these plants with wagon or truck to be loaded direct from the field we allow a discount of 5c each. We will quote you on quantities in any variety from seedlings and up.

ROAD AND STREET TREES

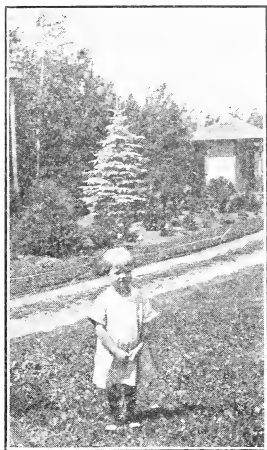
Elm and Maple,

	Each	Each
6—8 feet, 10 for \$9.00	\$1.00	10—12 feet, 1½—2 in. diameter 2.00
8—10 feet, 1—1½ inch diameter 1.50		10—12 feet, 2—2½ in. diameter 3.00

ORNAMENTAL AND FLOWERING SHRUBS AND TREES

Betel's Double (Flowering Crab): \$1.00 each.	Cornus Siberica (Dogwood) small, white flowers in early summer. Its bark is showy dark red in winter; 2 to 3 feet: 40c each; 3 for \$1.00.
Barberry Thunbergi (Japanese Bar- berry): 40c each; 3 for \$1.00.	
Burning Bush (Euonymus): 50c each.	Deutzia (Pride of Rochester), the flowers are double white, tinged outside with pink: 50c each; 3 for \$1.25.
Caragana Siberica (Siberian Pea Tree): 25c each; 3 for 50c.	

Elder (Black): 35c each.
 Forsythia (Golden Bell): 35c each.
 Hydrangea, *Paniculata Grandiflora*:
 60c each; 3 for \$1.50.
 Honeysuckle, red Tartarian: 50c each;
 3 for \$1.25.



Evergreen Border
 Entrance to Ferndale Nursery

Honeysuckle, white Tartarian: 50c each; 3 for \$1.25.
 Lilac, purple; 2 to 3 feet: 50c each; 3 for \$1.25.
 Lilac, white, 2 to 3 feet: 50c each; 3 for \$1.25.
 Lilac, Persian, purple: 60c each; 3 for \$1.50.
 Mock Orange (*Philadelphus Grandiflora*), 2 to 3 feet: 50c each; 3 for \$1.25.
 Mock Orange (*Coronaria*): 40c each; 3 for \$1.00.
 Pussy Willow: 40c each; 3 for \$1.00.
 Spirea Anthony Waterer, bright crimson: 50c each; 3 for \$1.25.
 Spirea Thunbergi (Snow Garland), small white flowers, early summer: 40c each; 3 for \$1.00.
 Spirea Frobellis: 35c each; 3 for 90c.
 Spirea Van Houtie (Bridal Wreath): 40c each; 3 for \$1.00.
 Snowball, *Viburnum Opulus* Fl. Pl.: 50c each; 3 for \$1.25.
 Snowball, High Bush Cranberry, single: 50c each.

HARDY PERENNIALS AND WILD FLOWERS

After 20 years with the hardy ferns we have gradually come to study, propagate and cultivate hardy perennials and wild flowers. Requests from our satisfied customers have forced us into this. It is quite a problem on which we are working the year around; we have learned considerable, but still have a great deal to learn. We have learned to our satisfaction that our soil and climate are excellent for this line, our spring comes late compared with more southerly locations, it is better to ship plants south in the spring than to ship them north. Our plants are dormant from 3 to 8 weeks later than in states south of us. In this we have a great advantage as you will see by this.

On June 6th we shipped 200 Delphinium, 2 years old, and 100 Gaillardia and received the following letter a few days later:

Mt. Holly, New Jersey.
 June 9th, 1924.

Plants arrived in very good condition.
 Respectfully,

R. I. GIBBONS.

On June 28th we shipped 100 two year old perennials and received the following a few days later:

Well satisfied with your stock.
 CORNELIUS DE VRIES,
 River Forest, Ill.

We have not yet been able to assemble and cultivate all the varieties worthy of consideration but are adding to our collection right along and we are in a position to locate and furnish any native perennials worth planting. Some varieties are best moved at certain times of the year and such plants will be booked and shipped accordingly.

Do not hesitate to write us or criticize us in regard to our list of plants, and the quality of our stock on arrival. Your co-operation is most cordially invited.

Herbaceous Perennials and Wild Flowers that do best in moist shady places. Most of them will also do well in the open hardy border: *Actea Alba*, *Anemone*, *Ariseama* (Jack in

the Pulpit), *Asarum*, *Baptisia*, *Cimicifuga*, *Claytonia*, *Dicentra Cucularia*, *Eupatorium*, *Euphorbia*, *Gentiana*, *Hepatica*, *Lilium Philadelphica*, *Lobelia Cardinalis*, *Mertensia virginica*, *Monarda*, *Sanguinaria Canadensis*, *Smilacina*, *Thalictrum*, *Trillium*, *Uvularica*, *Vinca*, *Viola Polunda*, *Canadensis*, *Cuculata*, *Palmata*, *Pedata* and *Pubescens*.

Herbaceous Perennials and Wild Flowers that will do best in the open and Rock Garden and which will not do so well in the shade: *Allyssum*, *Arabis*, *Aquilegia canadensis*, *Cerastium*, *Iberis*, *Lupinus perrene*, *Mertensia*, *Saponaria*, *Sedum*, *Sempervivum*, *Stockesia*, *Veronica*, *Viola*, *cornuta*, and *odorata*.

Prices on Wild and Perennials are prepaid by Parcel Post or Express for cash with order, unless otherwise noted. Any one for 30c, 3 of one kind for 75c or 10 for \$2.00, and packing free.

Not prepaid: Any one for 25c, 3 of one kind for 60c or 10 for \$1.75. We will quote you special prices on lots of 100 and 1,000.

Achillea Millifolium, white, Millfoil, June—July.

Achillea Millifolium, roseum, heads of soft rose flowers, 1½—2 feet, June, Aug.

Achillea Ptarmica (The Pearl), pure white double flowers all summer, long stemmed, excellent for cut flowers, 2—2½ feet.

Achillea, *Boule de Neige*. New, an improvement on The Pearl, with more compact flowers, not quite as long stemmed, 2 feet.

Actea Alba (White Baneberry), racemes of white flowers, white fruit, fine for rock work or shade, May—June: 35c each; 3 for \$1.00; 10 for \$2.50.

Aconitum (Monkshood), in varieties, June—Sept.

Adam's Needle. See *Yucca*.



Actea Alba

Agrostemma (Flos Jovis), pink stout, erect plant with silvery foliage, 2 feet, June—July.

Allysum (Rock Madworth), *Saxatile Compacta*. A dwarf plant for sunny positions in Rock Garden or in front of border. Bears a great abundance of yellow flowers in May, 12 inches.

Anemone, windflowers, in varieties.

Anemone Patens, Pasque flower, erect with 5 to 7 purplish sepals.

Anemone, windflower, *Sylvestris*, *Pensylvanica*, each separate or mixed: 20c each; 3 for 50c; 10 for \$1.25.

Anchusa Italica, Dropmore, gentian blue flowers, 4—5 feet, June—July.

Anthemis (Hardy Margurita) *Tinctoria*, Kelway, clear yellow Daisy like flowers, 2 feet, June—October.

Aquilegia, mixed all varieties: 3 for 50c; 10 for \$1.25; 100 for \$10.00.

Aquilegia (Columbine) *Canadensis*. Yellow and scarlet, 2 feet, May—June.

Aquilegia, *Chrysantha*, very graceful, soft yellow, 2½ feet, May—June.

Aquilegia, *Coerulea*, blue and white, 2 feet, May—June.

Aquilegia, long spurred. From Mrs. Scott Elliot's hybrids. One of the most elegant for cut flowers and the open border.

Arabis Alpina, pure white, useful for Rock Garden or edging, 9 inches, April—May.

Arisaema Triphyllum, Jack in the Pulpit, Bulbs, April—July.

Artimesia Lactiflora, three to four feet, dark green, finely cut foliage, branched panicles of fragrant white flowers, 4—5 feet, August—October.

Asclepias Tuberosa, Butterfly weed, bright orange red flowers borne in clusters on strong stems. Thrive on dry, sandy soil, 2½ feet, July—September.

Aster (Michaelmas Daisy) Acres, lavender blue, 2 feet, July—August.

Aster, Beauty of Colwall, upright, compact, free branching, blue, 4 feet, September—October.

Aster, Feltham, large clear blue.

Aster, St. Egwin, large clear pink, compact, 3 feet, September—October.

Aster, Nova Anglia, clear purple, an excellent hardy free bloomer.

Aster, hardy mixed: 20c each; 10 for \$1.25; 100 for \$10.00.

Blazing Star. See *Liatrus*.

Bleeding Heart. See *Dielytra*.

Baby Breath. See *Gypsophala*.

Bloodroot. See *Sanguinaria*.

Blue Bells. See *Mertensia*.

Bocconia Cordata, Plum Poppy, creamy white in terminal panicles, July—August.

Bellwerth. See *Uvularia*.

Boltonia Asteroides, a tall aster like plant bearing delicate white flowers, good for cut flowers, 5—6 feet, September—October.

Boltonia Latisquama, upright grower, with delicate lavender pink flowers, good for cutting, 4—5 feet, September—October.



Marsh Marigold

Caltha Palustris, Marsh Marigold, yellow, April—June.

Campanula Medium, Canterbury Bells, invaluable for effect in the border during June.

Campanula Percicifolia, slender erect stem, with cup shaped blue or white flowers, June—July, 2½ feet.

Carnation, Dwarf Vienna, white and Pink, separate or mixed: 20c each; 3 for 50c; 10 for \$1.25.

Centaurea Montanna, Blue Corn Flower, 2 feet, July—September.

Cerastium Tomentosa, Snow in Summer, leaves silvery white, pure white flowers, 4—6 inches, fine for edging and the Rock Garden.

Chelone, Shell Flower, 2 feet, bearing many spikes of large flower heads, summer and fall.

Chrysanthemum Maxima, Shasta Daisy, Alaska, hardy, large, white, 18—24 inches, July—August.

Cimicifuga Racemosa, Black Snake-root, white flowers in elongated racemes; very ornamental, 3—5 feet.

Claytonia Virginica, large rose colored flowers, early spring, shade.

Columbine. See *Aquilegia*.

Convallaria Majalis, Lily of the Valley, clumps.

- Coreopsis Lanceolata*, *Grandiflora*, Thickseed, rich yellow golden flowers, graceful form, excellent cut flower, all summer if cut, 2 feet.
- Cypripedium*, Hardy Orchids, *Moccasin* Flowers. These sell by the bud and not by the plant. Plants sometimes carry up to 7 flowering buds.
- Cypripedium*, *Acaule*, purple *Moccasin* Flower: 5 buds for \$1.25.
- Cypripedium*, *Pubescens*, yellow *Lady Slipper*: 5 buds for \$1.50.
- Cypripedium*, *Spectabile*, Showy *Lady Slipper*, grows about 2 feet tall, rose purple and white flowers: 5 buds for \$2.00.
- Daisy*. See *Shasta Daisy* and *Pyrethrum*.
- Delphinium* or Hardy *Larkspur* is unquestionably the queen of all blue flowers for cutting and for hardy border.
- Delphinium*, mixed, not less than 10 for \$1.25; 100 for \$10.00.
- Delphinium*, *Belladonna*, light sky blue, 2—3 feet, June to Frost.
- Delphinium*, *Bellamosa*, a dark blue type of *Belladonna*.
- Delphinium*, *Chinensis*, fine feathery foliage and intense gentian blue flowers, 1—2 feet.
- Delphinium* *Formosum*, *Blue Dove*, dark blue.
- Delphinium*, Gold Medal hybrids. The colors range from nearly white to shades of blue and purple.
- Dianthus Alwoodi*, new perpetual flowering hardy pink: 35c each; 3 for \$1.00.
- Dianthus Barbatas*, Sweet *William*, *Diadematus*, *Latifolius*, *Atroceineas*, *Newport Pink*, *Nigricans*, *Scarlet Beauty*, separate or mixed.
- Dianthus*, mixed, an array of the most beautifully colored flowers: 10 for \$1.25; 100 for \$10.00.
- Dianthus Latifolia*, a beautiful outdoor pink of deep crimson color. Semi to double flowers on stout stems. Flowering in great profusion all summer.
- Dianthus Plumarius*, hardy garden pink, also called *Grass Pink*, mixed: 10 for \$1.25; 100 for \$10.00.
- Dielytra Spectabilis* (*Bleeding Heart*): 60c each; 3 for \$1.50.
- Dicentra Cucularia* (*Dutchman's Breeches*), April—May. Bulbs.
- Digitalis* (*Foxglove*), well known old fashioned flower. Mixed: 20c each; 10 for \$1.75.
- Dodecathean Media* (*Shooting Star* or *American Cyclamen*), a pretty rose colored to white. Flowers May and June: 30c each; 3 for \$1.10; 10 for \$2.50.
- Eringium Amethystine* (*Sea Holly*), blue thistle-like heads of flowers, steel blue.
- Eupatorium Ageratoidis* (*White Snakeroot*), 6—8 feet, white, September—November.
- Euphorbia Corrolata* (*Flowering Spurge*), white, July—September.
- Foxglove*. See *Digitalis*.
- Funkia* (*Plantain Lily*), Easy to handle. Broad massive foliage makes them attractive for the border, also when not in bloom.
- Forget-me-not*. True: 20c each; 3 for 50c. Bedding plants: 10 for 75c, 100 for \$5.00.
- Gaillardia* (*Blanket Flower*), the most glorious of our old-fashioned flowers, June—October. In many new, rich and brilliant colors.
- Geum Coccineum* (*Mrs. Bradshaw*), large, double, fiery red flowers, all summer, 18 inches.
- Gentiana Andrewsii* (*Closed Gentian*), one of the most interesting native plants, with cluster of blue flowers. Prefer moist, shady corner.
- Gypsophilla Paniculata* (*Baby's Breath*), mass of delicate, misty white blooms.
- Golden Rod*. See *Solidage*.
- Hardy Grasses* (*Eranthus Ravenna*), *Plume Grass*, 4—5 feet.

Hardy Grasses (*Eulalia Japonica*), var. White, green and yellow striped leaves, 4—5 feet.

Hardy Grasses (*Pennisetum Japonicum*), Hardy Fountain Grass, 3—4 feet.

Hellinium (Sneeze Weed), Biglowie, 2—3 feet, yellow, August—October.

Helianthus (Hardy Sunflower), 5—6 feet, yellow.

Heliopsis. Pitcherianna (Orange Sunflower), 3 feet.

Hemocallis (Day Lily), orange, 4—5 feet.

Hepatica Triloba. Liver leaf, blue.

Hypericum (Henry), yellow, 1—2 feet.

Iberus Sempervirens (Candytuft): 30c each; 10 for \$2.50.

Iris, mixed: 10 for \$1.50; 100 for \$12.

Iris, Christata (Crested Iris), dwarf, light blue.

Iris Versicolor, with pretty blue flowers, 1—2 feet: 10 for \$1.50; 100 for \$12.00.

Iris, blue and purple: 20c each, 10 for \$1.50.

Iris in many named varieties.

Ladyslipper. See *Cypripedium*.

Larkspur. See *Delphinium*.

Lathyrus Latifolius (Hardy Perennial Sweet Pea), white, pink and red or mixed.

Liatrus Scariosa (Blazing Star), the long spikes contain numerous flower heads, about $\frac{3}{4}$ inch in diameter. Its magenta-purple rays emerge in all directions, 2—4 feet, prefer dry feet.

Linum (Hardy Perennial Flax), blue, all summer, excellent for border and rockery.

Lilium Canadensis, yellowish red, July—August.

Lilium Philadelphicum, orange red, spotted; 1 to 2 open, upright, bell-shaped flowers.

Lilium Superbum, orange, 4—5 feet, drooping flowers.

Lilium Tigrinum, the well known spotted Tiger Lily.

Lily of the Valley, old favorite, white fragrant; clumps.

Lobelia Cardinalis, rich, fiery cardinal red flowers, 2—3 feet, July—September.

Lupinus, Hardy perennial Lupin, roseum, Albus, white, Atrocoeruleum, blue or mixed.

Lycnis Chalcedonica (Ragged Robin), 2 feet, scarlet.

Meadow Rue. See *Thalictrum*.



Bluebell

Mertensia Virginica (Cowslip or Bluebell), 1—2 feet, bearing panicles of beautiful flowers in early spring. One of the choicest early spring flowers for massing in shade or sun. Marguerite. See *Anthemis*, Daisy and *Pyrethrum*.

Monkshood. See *Aconitum*.

Myosotis Palustris. True Forget-me-not.

Moccasin. See *Cypripedium*.

Oenothera Speciosa (Evening Primrose), white, May—August.

Oenothera Frazerii, rich golden yellow primrose, June—October.

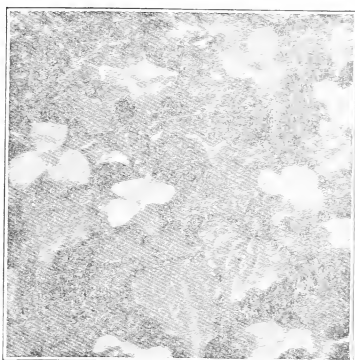
Papaver Nudicaule (Iceland Poppy), orange, white, yellow or mixed; all summer.

Papaver Orientalis (Oriental Poppy), scarlet.

Penstemon (Beard Tongue), a handsome plant with graceful slender stems covered the entire length with bright colored flowers. Invaluable for cutting.

Peonies: Prices are for 3 to 5 eye divisions; white, pink or red: 50c each; mixed, all colors, 10 for \$4.00.

- Peonies transplanted clumps: \$1.00 each.
- Peonies, transplanted, clumps extra large: \$1.50 each.
- Peonies, in 35 of the best named varieties, ask for special descriptive list.
- Phlox, hardy perennial, wants rich soil and top dressing of manure in fall.
- Phlox (Bridesmaid), white, crimson eye: 35c each; 3 for \$1.00.
- Phlox (Champs Elyses), rich crimson: 35c each.
- Phlox (Eclairer), brilliant rosy magenta, with large lighter Halo: 30c each; 3 for 85c; 10 for \$2.50.
- Phlox (H. O. Wijer's), white with red center: 35c each; 3 for 90c; 10 for \$2.50.
- Phlox (Mrs. Jenkins), a very free blooming early variety, immense panicles of pure white flowers, very hardy: 25c each; 3 for 60c; 10 for \$1.75; 100 for \$15.00.
- Phlox (Mrs. R. P. Struthers), bright rosy red, crimson eye: 35c each.
- Phlox (Rynstrom), beautiful rosy pink, large flowers: 35c each; 3 for 90c; 10 for \$2.50.
- Phlox, mixed, one year old plants: 10 for \$1.50; 25 for \$3.25; 100 for \$12.
- Phlox (Divaricata), pale lilac bluish flowers, rocky, shade.
- Phlox (Subulata or Moss Pink), a creeping tufted specie, growing in broad mats on rocky hills and sandy places: 25c each; 3 for 85c; 10 for \$2.00.
- Physostegia Virginica (False Dragon-head), bearing erect spikes of pretty feather-like flowers. Useful for borders, cutting and Wild Gardens. White, pink, separate or mixed.
- Physalis Franchetti (Chinese Lantern Plant), produces balloon-like husks: 30c each; 3 for 75c.
- Polygonatum Biflorum (Solomon's Seal), arching sprays of greenish white flowers: 35c each; 3 for \$1.00.
- Potentilla Formosa, quinquifol red, June—August.
- Primula Veris, Hardy Primulas, mixed.
- Pyrethrum Hybridum (Hardy Daisy), a group of graceful, free flowering plants, range in colors from pure white to the most brilliant scarlet, all summer, 2—3 feet.
- Pyrethrum Uliginosum (Giant Daisy), large white daisy-like flowers, 3—4 feet, July—September.
- Ranunculus (Buttercup), yellow, May.
- Rudbeckia Lacinnata (Golden Glow), double yellow flowers, 5—6 feet, July—October.
- Rudbeckia Purpurea (Purple Cone Flower), flowers extra large reddish purple, brown cone shaped center, 3 feet, July—October.
- Salvia Azurea (Meadow Sage, Rocky Mountain Sage), pretty sky blue flowers, 3—4 feet, August—September.
- Sanguinaria Canadensis (Bloodroot), pure white flowers, early spring, the large leathery leaves appear later. Plant in shade or Rock Garden.
- Scabiosa Caucasia Lavendula (Soft Lilac flowers), 1 foot, June—August: 35c each; 3 for \$1.00.
- Sedum. Stonecrop.
- Sedum Acre (Golden Moss), forming green carpet with yellow flowers in May: 10 for \$1.50.
- Sedum Spectabilis, erect, sturdy habit, with broad glaucous leaves, rosy purple flowers in large flat heads, August—September.
- Sedum Atropurpurea, brilliant, a deeper red than the preceding.
- Sempervivum Tinctorium (House Leek), hen and chicken.
- Shasta Daisy (Chrysanthemum Maximum Alaska), bear a profusion of large white flowers all summer. Fine for cut flowers, 2—3 feet.
- Shooting Star. See Dodecatheon.
- Smilacina Racemosa (False Solomon's Seal), flowers are white in terminal racemes, June—July, moist, shade.



Wood Lily

Snakeroot. See Eupatorium.

Solidago Juncea (Early Goldenrod), yellow flowers in large, graceful clusters composed of numerous racemes, 2—4 feet, July—September.

Solomon's Seal. See Polygonatum.

Solidago Canadensis, large yellow plume-like flowers, clusters, 2—5 feet, August—October.

Solidago Graminifolia (Lance leaved Goldenrod), yellow flat topped flowers, clusters, 2—4 feet, August—October.

Speedwell. See Veronica.

Spiderwort. See Tradiscantia.

Spiraea Filapendula (Queen of the Prairie), fern-like foliage with white flowers on stems, 15 inches high, June—July.

Spiraea Ulmaria (Meadow Sweet), one of the most useful hardy plants, double white flowers, June—July, 3 feet: 40c each; 3 for \$1.00; 10 for \$2.50

Spurge. See Euphorbia.

Stachys Lanata (Wound Wort), white, wooly foliage, flowers blue, good for edging.

Statice Latifolia (Sea Lavender), minute purplish flowers in immense candelabra-like heads; cut and dried will last for months.

Stockesia Cyana (Cornflower Aster), a most charming lavender blue blossom from June to October, 18—24 inches.

Sunflower. See Helianthus.

Sweet William. See Dianthus Barbat.

Tanacetum Vugara (Tansy, Bitter Button), flowers yellow in flat topped clusters composed of round discs or buttons, 2—3 feet.

Thalictrum Polygamum (Meadow Rue) White, mist-like flowers, 3—5 feet, June—September.

Tradiscantia Virginica (Spiderwort), produces a succession of blue flowers all summer, 2 feet.

Trillium Grandiflorum (Wood Lily), the Trillium belongs to the Lily family; bloom early in the spring and are easily grown. They like a moist, shady situation. White flowers, turning to lilac color with age. 10—15 inches: 15c each; 10 for \$1.00; 100 for \$6.00. Ask for special prices in 1,000 lots.

Trillium Recurvatum, leaves green with white patches; flowers brown-purple. We can furnish other varieties of Trillium in smaller quantities.

Uvularia perfoliata (Bellworth), 12—15 inches, thrive in a damp, shady situation. Its long bell-shaped yellow flower is pendant from the end of each drooping branch: 20c each; 3 for 50c.

Valeriana Alba (Garden Heliotrope), 2 feet, white fragrant flowers in June. One of our most charming perennials.

Northern Grown Plants

DO WELL EVERYWHERE

Veronica Longifolia (Speedwell), spikes of light blue flowers, glaucous blue foliage, 2 feet, July—August.

Vinca Minor (Periwinkle, Blue Myrtle), a beautiful trailing evergreen with large blue flowers.

Viola (Violets), the violets are mostly among our first spring flowers. They furnish an abundance of flowers, a variety of colors, and are so easily grown as to be worthy of a place in every wild garden and perennial border. Ask for special prices on 100 and 1,000 lots.

Viola Blanda (Sweet white Violet), flowers slightly fragrant, plant in moist open ground: 20c each; 3 for 50c, 10 for \$1.25.

Viola Canadensis, 1—2 feet, with heart shaped leaves, prefer a moist shady situation. Blooms in the greatest profusion from early May to August: 20c each; 3 for 50c; 10 for \$1.25.

Viola Cornuta a most desirable family for edging the hardy border, blooms from early spring to late in the fall.

Viola Cornuta (Blue Perfection), light blue.

Viola Cornuta (White Perfection), white.

Viola Cornuta, (*Papilio*), flowers soft lavender purple. Lower petals flushed white, most effective for edging the open border. Flowers in abundance, not too large: 15c each; 10 for \$1.00. Smaller plants for edging: 25 for \$1.00; 100 for \$3.00.

Viola Cuculata (Blue Violet), a beautiful variable species, deep purple to light blue, leaves usually heart shaped: 15c each; 10 for \$1.00; 100 for \$8.00.

Viola Palmata (Palm leaved Violet), blue with bearded side petals, palmately cleft leaves with 5—7 rounded lobes; excellent.



Viola Cuculata

Viola Pedata (Bird foot Violet), blue or purple violet leaves on long petioles in dense tufts. Delights in a dry sandy soil or Rock Garden in open.

Viola Odorata (Hardy Russian Violet), double deep purple flowers of exquisite fragrance.

Viola Pubescens (Downy Yellow Violet), a large handsome Violet.

Wood Lily. See *Trillium*.

Yucca Filamentosa (Adams Needle), large rosettes of sword-like evergreen leaves and spikes of white flowers, 4—6 feet, July—August.

Taming the Wildings.

We can furnish almost any kind of wild and cultivated plants in the United States. Last summer we hunted through 5 states for Pasque Flowers wanted by one of our patrons. We take them home, propagate, cultivate and train them for transplanting.

A book of Cultural Information for lovers of Wild Flowers and Ferns by Herbert Durand. Illustrated with 24 color plates and 150 cuts called "Taming the Wildings", 4 $\frac{1}{4}$ x7 in., 410 pages, full index.—We will send this book postpaid for \$3.75.

Bog Plants and Water Lilies. We can get them for you.